

*AMENDMENTS TO THE ABSTRACT*

Insert the following Abstract:

ABSTRACT

~~This invention relates to an~~ An air cleaner ~~which~~ includes a housing, a ~~first~~ filter, a ~~photocatalyst~~ photocatalyst reaction unit which can form a spiral air flow, a forced convection device, and an electrocircuit controller. The forced convection device is ~~provided~~ located between the ~~first~~ filter and the ~~photocatalyst~~ photocatalyst reaction unit. Because the ~~invention~~ air cleaner uses a longitudinal air ~~conduit~~ conduit, ~~a~~ an air inlet along ~~tangent~~ a tangential direction of the air ~~conduction~~ conduit, and spiral guide vanes at the inlet, air passing through a fan and into the air ~~conduit~~ conduit flows spirally in the ~~conduit~~ conduit to increase the time during which air contacts ~~with the photocatalyst~~ the photocatalyst and ~~enable~~ enables the light of the ultraviolet lamp to radiate ~~on the photocatalyst~~ directly so that the ~~clean~~ cleaning efficiency of the ~~photocatalyst~~ photocatalyst is increased ~~effectively~~.